DAM SAFETY INSPECTION REPORT

GENERAL INFORMATION:

WATERSHED NAME: _____ SITE NUMBER: _____

NID # : _____ COUNTY: _____

INSPECTION DATE: _____

INSPECTED BY: _____

TITLE: _____

OTHER PARTICIPANTS: _____

_____

LAST DAM SAFETY INSPECTION: _____

LAST O&M INSPECTION: _____

NUMBER OF O&M INSPECTIONS IN LAST 5 YRS: _____

HAS DAM BEEN INSPECTED BY TNRCC? _____ DATE: _____
(YES, UNKNOWN)

ADDITIONAL DATA: SEE DAM INVENTORY DATABASE

INSPECTION SUMMARY:

THIS DAM IS DETERMINED TO BE: _____
(UNSAFE, NOT UNSAFE)

GENERAL ASSESSMENT OF DAM: _____
(EXCELLENT, GOOD, FAIR, POOR)

ASSESSMENT OF OPERATION AND MAINTENANCE (O&M): _____
(VERY GOOD, ADEQUATE, LESS THAN ADEQUATE)

ASSESSMENT OF O&M RECORDS: _____
(VERY GOOD, ADEQUATE, LESS THAN ADEQUATE)

FOLLOW-UP INVESTIGATION RECOMMENDED? _____
IF YES, DESCRIBE IN INSPECTION NARRATIVE.

LIST ITEMS REQUIRING IMMEDIATE ACTION: _____

_____

HAZARD CLASSIFICATION AND HYDROLOGIC REVIEW:

DESIGN HAZARD CLASSIFICATION: _____ CURRENT: _____
(HIGH, SIGNIFICANT, LOW) (HIGH, SIG., LOW, PEND.)

DEGREE OF DOWNSTREAM CHANGE SINCE DAM CONSTRUCTION: _____
(HIGH, MEDIUM, LOW)

HAZARD CLASS CHANGE RECOMMENDED? _____
IF YES, DESCRIBE BASIS FOR RECOMMENDATION IN INSPECTION NARRATIVE.

DEGREE OF UPSTREAM CHANGE SINCE DAM CONSTRUCTION: _____
(HIGH, MEDIUM, LOW)

HYDROLOGIC REVIEW RECOMMENDED?: _____

VISUAL INSPECTION:

EMBANKMENT:	MONITOR (M)	INVESTIGATE (I)	REPAIR (R)	COMMENT
1. SURFACE CRACKING				
2. CAVE IN, ANIMAL BURROWS				
3. LOW AREAS				
4. HORIZONTAL ALIGNMENT				
5. SLOPE STABILITY				
6. SEEPAGE				
7. DRAINAGE SYSTEMS				
8. SLOPE PROTECTION				
9. VEGETATION CONDITION				
10. EROSION				
11. DISPERSION/JUG HOLES				
12. UNDESIRABLE VEGETATION				
13. FLOATABLE DEBRIS				
14. WAVE EROSION				
15.				
16.				
17.				
18.				

RESERVOIR AREA	M	I	R	
1. EROSION				
2. SEDIMENTATION				
3. ACTIVE LANDSLIDES				
4. CONSTRUCTION IN FLOOD POOL				
5.				
6.				
7.				

STRUCTURAL SPILLWAY(S):	M	I	R	
1. CONCRETE SURFACES				
2. STRUCTURAL CRACKING				
3. CONCRETE MOVEMENT				
4. INTERIOR SURFACES				
5. CONDUIT JOINTS				
6. METAL FABRICATIONS				
7. CONTROL GATES				
8. STILLING BASIN				
9.				
10.				
11.				
12.				

AUXILIARY SPILLWAY(S):	M	I	R	
1. ENTRANCE SECTION				
2. CONTROL SECTION				
3. EXIT SECTION				
4. VEGETATION CONDITION				
5. EROSION				
6. TRAILS				
7. DISCONTINUITIES				
8. BERMS, DIKES				
9. OBSTRUCTIONS				
10. DEBRIS				
11. UNDESIRABLE VEGETATION				
12.				
13.				
14.				

DOWNSTREAM CHANNEL	M	I	R	
1. DEGRADATION				
2. TREE OR BRUSH GROWTH				
3. DEBRIS				
4. STANDING WATER, BACKWATER				
5. SEDIMENTATION				
6.				
7.				
8.				

INSTRUMENTATION	M	I	R	
1. VERTICAL MOVEMENT				
2. HORIZONTAL MOVEMENT				
3. RESERVOIR STAGE				
4. PIEZOMETERS				
5. SEISMIC				
6. WARNING SYSTEM				
7.				
8.				
9.				
10.				

VISUAL INSPECTION NARRATIVE:

Overview

Hazard Classification

Embankment

Structural Spillway(s)

Auxiliary Spillway(s)

Downstream Channel

Reservoir Area

Summary/Recommendations

DAM SAFETY INSPECTION REPORT

Site
0

Submitted By: _____ Date: _____
, P.E.
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PREPARED IN COOPERATION WITH THE TEXAS NATURAL RESOURCE CONSERVATION COMMISSION AND THE U.S. FEDERAL EMERGENCY MANAGEMENT AGENCY

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